



Wireless switch panel User manual

PICO-2



Preface

Thanks for choosing our products and this manual is suitable for wireless switch panel PICO-2. This manual contains important safety and operation instructions. Read it before any operation/installation and keep it well for future reference.

Product installation and maintenance need to be conducted by a well trained technician or electrician.

Please pay more attention to below items:

1. Please use correct voltage to power this product
2. Please insure DC positive and negative are connected correctly. No reverse polarity connection is allowed
3. Please use power cable as short as possible for connection and ensure all connection is well
4. Only TBB engineer or authorized electrician can open the case.



All products has been well inspected before delivery from manufacturer. If there is faulty for example housing swelling is found when open product box, please contact TBB or TBB's re-seller immediately. The environment condition will also has influence to product performance, please make sure product is used in proper environment condition

Remarks: As continuous update on product, this manual might not reflect latest version of product. Please contact TBB or TBB's re-seller if wants to learn most update on product.

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1. General Safety Instruction

1.1 Safety instruction

- Please read this manual and remark, sticker on product before installation or operation
- Please abide by required electrical safety procedure and requirement to prevent any damage or injury. Safety instruction in this manual is not equal to these safety procedure and requirement
- Manufacturer takes no responsibility for any consequence of break above safety procedure or requirement
- A warning mark as below represents potential risk or important information



Warning: The operation is critical to system running, please be careful before operation

1.2 General Precaution

- Do not expose product to dust, rain, snow or liquids of any type, it is designed for indoor use
- To avoid fire and electric shock, make sure all cables selected with right gauge and being connected well. Smaller diameter and broken cable are not allowed to use

2. Product introduction

2.1 General introduction

TBB' wireless switch panel PICO-2 comes with compact design and powered by cell battery. It communicates with other device via Radio Frequency and its frequency is 433MHz. It will enter into zero consumption mode when no operation to save power. It's equipped with 2 dip switches for identification purpose when there are multiple units in one system.

2.2 Features

- Wireless technology to save cable and labor cost for installation
- Powered by cell battery
- Compact size as 70x70mm
- Surface mounted design for easy installation
- With 4 buttons
- Zero consumption mode when no operation
- With 2 dip switches
- Working temperature: $-40^{\circ}\text{C}\sim 65^{\circ}\text{C}$

2.3 Product outlook and dimension

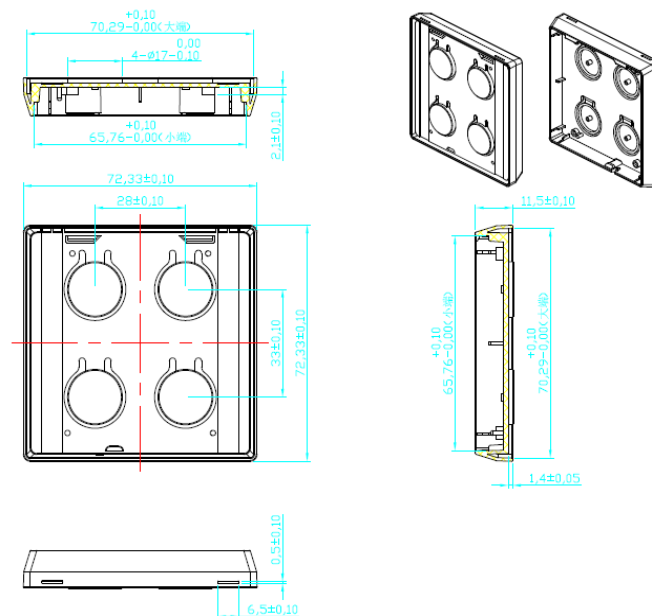


Fig.2-1 Outlook and dimension of PICO-2 (Unit: mm)

3. Installation

3.1 Open box

- Only open product box before installation, and please check if box is in good condition before open it is opened
- Take product out of box in a careful manner
- Check if everything as below list is contained; contact TBB or TBB's re-seller if anything is missed or damaged
 - PICO-2 x 1pc
 - Screw x 4pcs
- Keep this user manual properly for future reference

3.2 Installation

Separate the PICO-2's frame and PICO-2 before installation. Fix the frame onto a flat surface by screws, and then install PICO-2 back to the frame




Remarks: Please don't reverse polarity of cell battery when put them into PICO-2

4. Specification


No.	Parameter		Remarks
1	Rated current	10mA	
2	Communication	Radio Frequency 433MHz	
3	Working temperature	-40°C~65°C	
4	Rated voltage	5V	
5	Certificate	NA	

TBB POWER CO.,LTD

 service@tbbpower.com

 www.tbbpower.com

 +86-592-5212299

 +86-592-5796070